



JFW

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313 on the date shown below:

June 23, 2005


Margaret H. Efron, Patent Attorney

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT
Patent Application
Docket No. UF-246XCD1
Serial No. 10/722,620

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Samsun Lampotang, Richard J. Melker, and David N. Silverman
Serial No. : 10/722,620
Filed : November 26, 2003
Examiner : *Not yet assigned*
Art Unit : 2684
Conf. No. : 7104
For : Marker Detection Method and Apparatus to Monitor Drug Compliance

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§1.56, 1.97, AND 1.98

Sir:

In accordance with 37 C.F.R. §§1.56, 1.97, and 1.98 the references on the attached form PTO/SB/08 are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. For the examiner's convenience, full text copies of the non-patent literature documents and a copy of the first page of the cited foreign patent documents are also enclosed. A full-text copy of U.S. Patent Application No. 09/708,789 is also provided herewith. The Applicants further note that German Patent Application Nos. DE 19607646 and DE 29902593, European Patent Application No. 0979997,

Japanese Patent Application Nos. JP 08313407 and JP 09196915, and Russian Patent Application No. RU 2104535 cited as F1, F2, F4, F7, F8, and F9, respectively, on the attached Form PTO/SB/08 are written in a foreign language. However, English language abstracts are provided for each of these foreign patent documents.

It is respectfully requested that the Examiner indicate consideration of the cited references by returning a copy of the attached form PTO/SB/08 with initials or other appropriate marks. If any additional fee is required, or to credit any overpayment, please use Deposit Account No. 19-0065.

The applicants respectfully assert that the substantive provisions of 37 C.F.R. §§1.56, 1.97, and 1.98 are met by the foregoing statement.

Respectfully submitted,



Margaret H. Efron
Patent Attorney
Registration No. 47,545
Phone No.: 352-375-8100
Fax No.: 352-372-5800
Address: Saliwanchik, Lloyd & Saliwanchik
P.O. Box 142950
Gainesville, FL 32614-2950

MHE/lj

Attachments: Form PTO/SB/08
Copies of references listed



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

12

Complete if Known

| | |
|------------------------|-------------------|
| Application Number | 11/039,111 |
| Filing Date | January 19, 2005 |
| First Named Inventor | Richard J. Melker |
| Group Art Unit | 1743 |
| Examiner Name | Not yet assigned |
| Attorney Docket Number | UF-404XC1 |

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|-----------------------------|--------------------|--------------------------------|--|---|
| | | Number Code ² | Kind (if known) | | | |
| U1 | 3,567,029 | | | 03-02-1971 | Quame | |
| U2 | 3,792,272 | | | 02-12-1974 | Harte et al. | |
| U3 | 3,608,546 | | | 09-28-1971 | Shinn | |
| U4 | 3,649,199 | | | 03-14-1972 | Littlejohn | |
| U5 | 3,877,291 | | | 4-15-1975 | Hoppesch et al. | |
| U6 | 3,951,607 | | | 04-20-1976 | Fraser | |
| U7 | 3,955,926 | | | 5-11-1976 | Fischer | |
| U8 | 4,150,670 | | | 04-24-1979 | Jewett et al. | |
| U9 | 4,202,352 | | | 05-13-1980 | Osborn | |
| U10 | 4,215,409 | | | 07-29-1980 | Strowe | |
| U11 | 4,312,228 | | | 01-26-1982 | Wohltjen | |
| U12 | 4,314,564 | | | 02-09-1982 | Albarda | |
| U13 | 4,334,540 | | | 6-15-1982 | Preti et al. | |
| U14 | 4,346,584 | | | 08-31-1982 | Boehringer | |
| U15 | 4,361,026 | | | 11-30-1982 | Muller et al. | |
| U16 | 4,349,626 | | | 9-14-1982 | Labows et al. | |
| U17 | 4,399,686 | | | 8-23-1983 | Kindlund et al. | |
| U18 | 4,432,226 | | | 02-21-1984 | Dempster | |
| U19 | 4,456,014 | | | 06-26-1984 | Buck et al. | |
| U20 | 4,534,360 | | | 8-13-1985 | Williams | |
| U21 | 4,734,777 | | | 3-29-1988 | Okino et al. | |
| U22 | 4,735,777 | | | 04-05-1988 | Mitsui et al. | |
| U23 | 4,772,559 | | | 9-20-1989 | Preti et al. | |
| U24 | 4,796,639 | | | 01-10-1989 | Snow et al. | |
| U25 | 4,868,545 | | | 09-19-1989 | Jones | |
| U26 | 4,895,017 | | | 1-23-1990 | Pyke et al. | |
| U27 | 4,938,928 | | | 7-03-1990 | Koda et al. | |

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard T.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

2

of

12

Complete if Known

| | |
|------------------------|-------------------|
| Application Number | 11/039,111 |
| Filing Date | January 19, 2005 |
| First Named Inventor | Richard J. Melker |
| Group Art Unit | 1743 |
| Examiner Name | Not yet assigned |
| Attorney Docket Number | UF-404XC1 |

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|-----------------------------|--------------------|--------------------------------|---|---|
| | | Number Code ² | Kind (if known) | | | |
| U28 | 4,992,244 | | | 2-12-1991 | Grate | |
| U29 | 5,003,985 | | | 04-02-1991 | White et al. | |
| U30 | 5,034,192 | | | 7-23-1991 | Wrighton et al. | |
| U21 | 5,042,501 | | | 8-27-1991 | Kenny et al. | |
| U32 | 5,060,506 | | | 10-29-1991 | Douglas | |
| U33 | 5,071,770 | | | 12-10-1991 | Kolesar, Jr. | |
| U34 | 5,081,871 | | | 1-21-1992 | Glaser | |
| U35 | 5,082,630 | | | 01-21-1992 | Partin et al. | |
| U36 | 5,094,235 | | | 03-10-1992 | Westenskow et al. | |
| U37 | 5,111,827 | A | | 05-12-1992 | Rantala | |
| U38 | 5,137,692 | A | | 8-11-1992 | Fritz | |
| U39 | 5,145,645 | A | | 9-08-1992 | Zakin et al. | |
| U40 | 5,167,972 | A | | 12-01-1992 | Greenberg et al. | |
| U41 | 5,179,027 | A | | 01-12-1993 | Fisher | |
| U42 | 5,252,292 | A | | 10-12-1993 | Hirata et al. | |
| U43 | 5,296,706 | A | | 03-22-1994 | Braig et al. | |
| U44 | 5,303,575 | A | | 04-19-1994 | Brown et al. | |
| U45 | 5,317,156 | A | | 05-31-1994 | Cooper et al. | |
| U46 | 5,325,704 | A | | 7-05-1994 | Mariani et al. | |
| U47 | 5,351,522 | A | | 10-04-1994 | Lura | |
| U48 | 5,361,771 | A | | 11-08-1994 | Craine et al. | |
| U49 | 5,409,839 | A | | 04-25-1995 | Balestrieri et al. | |
| U50 | 5,425,374 | A | | 06-20-1995 | Ueda et al. | |
| U51 | 5,447,165 | A | | 09-05-1995 | Gustafsson | |
| U52 | 5,453,359 | A | | 09-26-1995 | Gargan et al. | |
| U53 | 5,465,608 | A | | 11-14-1995 | Lokshin et al. | |
| U54 | 5,466,700 | A | | 11-14-1995 | Batenhorst et al. | |
| U55 | 5,482,601 | A | | 1-09-1996 | Ohshima et al. | |

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard T.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|--|---|----|----|---------------------------------|-------------------|
| Substitute for form 1449A/PTO | | | | <i>Complete if Known</i> | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | Application Number | 11/039,111 |
| (use as many sheets as necessary) | | | | Filing Date | January 19, 2005 |
| Sheet | 3 | of | 12 | First Named Inventor | Richard J. Melker |
| | | | | Group Art Unit | 1743 |
| | | | | Examiner Name | Not yet assigned |
| | | | | Attorney Docket Number | UF-404XC1 |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------------|-----------------------------|--------------------|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number Code ² | Kind (if known) | | | |
| U56 | 5,495,744 | A | | 03-05-1996 | Ueda et al. | |
| U57 | 5,501,212 | A | | 03-26-1996 | Psaros | |
| U58 | 5,528,924 | A | | 06-25-1996 | Wajid et al. | |
| U59 | 5,547,878 | A | | 8-20-1996 | Kell | |
| U60 | 5,558,083 | A | | 09-24-1996 | Bathe et al. | |
| U61 | 5,560,352 | A | | 10-01-1996 | Heim et al. | |
| U62 | 5,634,517 | A | | 06-03-1997 | Linden et al. | |
| U63 | 5,573,005 | A | | 11-12-1996 | Ueda et al. | |
| U64 | 5,573,955 | A | | 11-12-1996 | Khanna et al. | |
| U65 | 5,605,612 | A | | 2-25-1997 | Park et al. | |
| U66 | 5,645,072 | A | | 7-08-1997 | Thrall et al. | |
| U67 | 5,716,852 | A | | 02-10-1998 | Yager et al. | |
| U68 | 5,756,879 | A | | 5-26-1998 | Yamagishi et al. | |
| U69 | 5,771,890 | A | | 06-30-1998 | Tamada | |
| U70 | 5,776,783 | A | | 07-07-1998 | Kell | |
| U71 | 5,783,154 | A | | 7-21-1998 | Althainz et al. | |
| U72 | 5,783,449 | A | | 7-21-1998 | Kuznetsov | |
| U73 | 5,795,787 | A | | 08-18-1998 | Silkoff et. al. | |
| U74 | 5,801,297 | A | | 09-01-1998 | Mifsud et al. | |
| U75 | 5,826,577 | A | | 10-27-1998 | Perroz et al. | |
| U76 | 5,830,412 | A | | 11-03-1998 | Kimura et al. | |
| U77 | 5,861,254 | A | | 1-19-1999 | Schneider et al. | |
| U78 | 5,891,398 | A | | 04-06-1999 | Lewis et al. | |
| U79 | 5,900,552 | A | | 05-04-1999 | Chu et al. | |
| U80 | 5,918,257 | A | | 06-29-1999 | Mifsud et al. | |
| U81 | 5,925,014 | A | | 07-20-1999 | Teeple Jr. | |
| U82 | 5,928,167 | A | | 07-27-1999 | Wagner et al. | |
| U83 | 5,932,877 | A | | 08-03-1999 | Braig et al. | |
| U84 | 5,945,069 | A | | 08-31-1999 | Buehler | |
| U85 | 5,950,630 | A | | 9-14-1999 | Portwood et al. | |
| U86 | 5,954,685 | A | | 9-21-1999 | Tierney | |

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard T.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|--|---|----|----|--------------------------|-------------------|
| Substitute for form 1449A/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | Application Number | 11/039,111 |
| (use as many sheets as necessary) | | | | Filing Date | January 19, 2005 |
| Sheet | 4 | of | 12 | First Named Inventor | Richard J. Melker |
| | | | | Group Art Unit | 1743 |
| | | | | Examiner Name | Not yet assigned |
| | | | | Attorney Docket Number | UF-404XC1 |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------------|----------------------|--------------------------------------|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number | Kind Code ² (if known) | | | |
| U87 | 5,958,896 | A | | 09-28-1999 | Renshaw et al. | |
| U88 | 5,962,335 | A | | 10-05-1999 | Katzman | |
| U89 | 5,971,937 | A | | 10-26-1999 | Ekstrom | |
| U90 | 5,996,586 | A | | 12-07-1999 | Phillips | |
| U91 | 6,007,775 | A | | 12-28-1999 | Yager | |
| U92 | 6,010,459 | A | | 1-04-2000 | Silkoff et al. | |
| U93 | 6,025,200 | A | | 02-15-2000 | Kaish et. al | |
| U94 | 6,057,162 | A | | 5-02-2000 | Rounbehler et al. | |
| U95 | 6,063,243 | A | | 5-16-2000 | Zettl et al. | |
| U96 | 6,067,167 | A | | 5-23-2000 | Atkinson et al. | |
| U97 | 6,074,345 | A | | 06-13-2000 | Van Oostrom et al. | |
| U98 | 6,085,576 | A | | 7-11-2000 | Sunshine et al. | |
| U99 | 6,094,681 | | | 07-25-2000 | Shaffer et al. | |
| U100 | 6,097,485 | A | | 08-01-2000 | Lievan | |
| U101 | 6,120,443 | A | | 09-19-2000 | Cohen-Laroque | |
| U102 | 6,131,571 | A | | 10-17-2000 | Lampotang et al. | |
| U103 | 6,136,801 | A | | 10-24-2000 | Kell | |
| U104 | 6,153,147 | A | | 11-28-2000 | Craig | |
| U105 | 6,180,414 | B1 | | 01-30-2001 | Katzman | |
| U106 | 6,186,977 | B1 | | 02-13-2001 | Andrews et al. | |
| U107 | 6,190,858 | B1 | | 2-20-2001 | Persaud et al. | |
| U108 | 6,203,814 | B1 | | 3-20-2001 | Fisher et al. | |
| U109 | 6,216,690 | B1 | | 04-17-2001 | Keitel et al. | |
| U110 | 6,221,026 | B1 | | 4-24-2001 | Phillips | |
| U111 | 6,234,006 | B1 | | 05-22-2001 | Sunshine et al. | |
| U112 | 6,237,397 | B1 | | 05-29-2001 | Shinar et al. | |
| U113 | 6,244,096 | B1 | | 6-12-2001 | Lewis et al. | |
| U114 | 6,248,078 | B1 | | 6-19-2001 | Risby et al. | |
| U115 | 6,251,082 | B1 | | 06-26-2001 | Rayburn | |
| U116 | 6,261,783 | B1 | | 7-17-2001 | Jayasena et al. | |

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard T.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|--|---|----|----|--------------------------|-------------------|
| Substitute for form 1449A/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | Application Number | 11/039,111 |
| (use as many sheets as necessary) | | | | Filing Date | January 19, 2005 |
| Sheet | 5 | of | 12 | First Named Inventor | Richard J. Melker |
| | | | | Group Art Unit | 1743 |
| | | | | Examiner Name | Not yet assigned |
| | | | | Attorney Docket Number | UF-404XC1 |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------------|-----------------------------|--------------------|--------------------------------|---|---|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number Code ² | Kind (if known) | | | |
| U117 | 6,264,913 | B1 | | 07-24-2001 | Wagner | |
| U118 | 6,277,081 | B1 | | 08-21-2001 | Susi et al. | |
| U119 | 6,283,953 | B1 | | 09-04-2001 | Ayer et al. | |
| U120 | 6,303,316 | B1 | | 10-16-2001 | Kiel et al. | |
| U121 | 6,305,212 | B1 | | 10-23-2001 | Drzewiecki | |
| U122 | 6,312,390 | B1 | | 11-06-2001 | Phillips | |
| U123 | 6,319,724 | B1 | | 11-20-2001 | Lewis et al. | |
| U124 | 6,328,708 | B1 | | 12-11-2001 | Georgieff | |
| U125 | 6,341,520 | B1 | | 01-29-2002 | Satoh et al. | |
| U126 | 6,363,772 | B1 | | 4-02-2002 | Berry | |
| U127 | 6,387,329 | B1 | | 5-14-2002 | Lewis et al. | |
| U128 | 6,399,302 | B1 | | 6-04-2002 | Lannigan et al. | |
| U129 | 6,416,479 | B1 | | 07-09-2002 | Seidman | |
| U130 | 6,455,319 | B1 | | 09-24-2002 | Lewis et al. | |
| U131 | 6,467,333 | B2 | | 10-22-2002 | Lewis et al. | |
| U132 | 6,479,019 | B1 | | 11-12-2002 | Goldstein et al. | |
| U133 | 6,495,824 | B1 | | 12-17-2002 | Atkinson | |
| U134 | 6,511,453 | B2 | | 01-28-2003 | Georgieff | |
| U135 | 6,558,626 | B1 | | 05-06-2003 | Aker et al. | |
| U136 | 6,589,727 | B1 | | 07-08-2003 | Klenerman et al. | |
| U137 | 6,597,438 | B1 | | 07-22-2003 | Cabuz et al. | |
| U138 | 6,599,253 | B1 | | 07-29-2003 | Baum et al. | |
| U139 | 6,599,281 | B1 | | 07-29-2003 | Struys et al. | |
| U140 | 6,620,800 | B1 | | 09-16-2003 | Roberts II | |
| U141 | 6,631,333 | B1 | | 10-07-2003 | Lewis et al. | |
| U142 | 6,680,377 | B1 | | 01-20-2004 | Stanton et al. | |
| U143 | 6,727,075 | B2 | | 04-27-2004 | Fitzgerald et al. | |
| U144 | 6,755,783 | B2 | | 06-29-2004 | Cosentino et al. | |
| U145 | 2001/0041366 | A1 | | 11-15-2001 | Lewis et al. | |

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard T.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

6

of

12

Complete if Known

| | |
|------------------------|-------------------|
| Application Number | 11/039,111 |
| Filing Date | January 19, 2005 |
| First Named Inventor | Richard J. Melker |
| Group Art Unit | 1743 |
| Examiner Name | Not yet assigned |
| Attorney Docket Number | UF-404XC1 |

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|---------------------------------|-----------------------------|--------------------|--------------------------------|---|---|
| | | Number Code ² | Kind (if known) | | | |
| U146 | 2001/0021815 | A1 | | 09-13-2001 | Katzman et al. | |
| U147 | 2001/0046674 | A1 | | 11-29-2001 | Ellington | |
| U148 | 2001/0050228 | A1 | | 12-13-2001 | Jaeger | |
| U149 | 2001/0055544 | A1 | | 12-27-2001 | Copp | |
| U150 | 2002/0007687 | A1 | | 01-24-2002 | Zimmermann et al. | |
| U151 | 2002/0007249 | A1 | | 01-17-2002 | Cranley et al. | |
| U152 | 2002/0014236 | A1 | | 02-07-2002 | Dittmann et al. | |
| U153 | 2002/0017300 | A1 | | 02-14-2002 | Hickle et al. | |
| U154 | 2002/0068295 | A1 | | 6-06-2002 | Madou et al. | |
| U155 | 2002/0034757 | A1 | | 3-21-2002 | Cubicciotti | |
| U156 | 2002/0173729 | A1 | | 11-21-2002 | Viertio-Oja et al. | |
| U157 | 2002/0177232 | A1 | | 11-28-2002 | Melker et al. | |
| U158 | 2003/0004426 | A1 | | 01-02-2003 | Melker et. al. | |
| U159 | 2003/0059820 | A1 | | 03-27-2003 | Vo-Dinh | |
| U160 | 2003/0008407 | A1 | | 01-09-2003 | Fu | |
| U161 | 2003/0087239 | A1 | | 05-08-2003 | Stanton et al. | |
| U162 | 2003/0139681 | A1 | | 07-24-2003 | Melker et al. | |
| U163 | 2003/0119065 | A1 | | 06-26-2003 | Lin et al. | |
| U164 | 2003/0216660 | A1 | | 11-20-2003 | Ben-Oren et al. | |
| U165 | 2004/0027246 | A1 | | 02-12-2004 | Auguglia | |
| U166 | 2004/0101477 | A1 | | 05-27-2004 | Leyland-Jones | |
| U167 | 2005/0065446 | A1 | | 03-24-2005 | Talton | |
| | 09/708,789 (Application No.) | | | 11-08-2000 (Date Filed) | Lampotang et al. | |
| U169 | | | | | | |
| U170 | | | | | | |

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard T.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|--|---|----|----|--------------------------|-------------------|
| Substitute for form 1449A/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Application Number | 11/039,111 |
| Sheet | 7 | of | 12 | Filing Date | January 19, 2005 |
| | | | | First Named Inventor | Richard J. Melker |
| | | | | Group Art Unit | 1743 |
| | | | | Examiner Name | Not yet assigned |
| | | | | Attorney Docket Number | UF-404XC1 |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|--|----------------------------|---|---|---|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Code ⁵ Office ³ known) | Number ⁴ (if | | | |
| | F1 | DE 19607646 (English Abstract) | A1 | Muehlenberg et al. | 09-11-1997 | |
| | F2 | DE 29902593 (English Abstract) | | Genzyme Virotech GmbH | 08-26-1999 | |
| | F3 | EP 0 370 151 | A1 | L'Air Liquide, S. A. | 05-30-1990 | |
| | F4 | EP 0 979 997 (English Abstract) | A1 | Siemens AG | 02-16-2000 | |
| | F5 | GB 829,409 | A | Governors of the United Birmin | 03-02-1960 | |
| | F6 | GB 2 309 166 | A | Cleansharp Limited | 07-23-1997 | |
| | F7 | GB 2 329 245 | A | Cavkit Limited | 03-17-1999 | |
| | F8 | JP 08313407 (English Abstract) | A | Suzuki Motor Corp. | 11-29-1996 | |
| | F9 | JP 09196915 (English Abstract) | A | Otsuka Pharmaceut Co. Ltd. | 07-31-1997 | |
| | F10 | RU 2104535 C1 (English Abstract) | | Kogan et. al. | 02-10-1998 | |
| | F11 | WO 87/02773 | A1 | Autosense Corp. | 05-07-1987 | |
| | F12 | WO 92/10749 | A1 | Novapure Corporation | 06-25-1992 | |
| | F13 | WO 95/08113 | A1 | Alpha M.O.S. | 03-23-1995 | |
| | F14 | WO 95/31718 | A1 | Forschungszentrum Karlsruhe GmbH | 11-23-1995 | |
| | F15 | WO 98/57145 | A1 | Quadrivium, L.L.C. | 12-17-1998 | |
| | F16 | WO 99/12471 | A3 | Oridion Medical Ltd. | 03-18-1999 | |
| | F17 | WO 99/66304 | A1 | California Institute of Technology | 12-23-1999 | |
| | F18 | WO 00/25108 | A1 | Copp Life Systems | 05-04-2000 | |

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard T.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|--|---|----|----|--------------------------|-------------------|
| Substitute for form 1449A/PTO | | | | <i>Complete if Known</i> | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Application Number | 11/039,111 |
| Sheet | 8 | of | 12 | Filing Date | January 19, 2005 |
| | | | | First Named Inventor | Richard J. Melker |
| | | | | Group Art Unit | 1743 |
| | | | | Examiner Name | Not yet assigned |
| | | | | Attorney Docket Number | UF-404XC1 |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|--|-----------------------------------|---|---|---|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Code ⁵ Office ³ <i>known</i>) | Number ⁴ <i>(if</i> | | | |
| | F19 | | WO 00/67820 | A1 | Aneo AB | 11-16-2000 |
| | F20 | | WO 00/79243 | A1 | Cyrano Sciences, Inc. | 12-28-2000 |
| | F21 | | WO 01/34024 | A1 | University of Florida | 05-17-2001 |
| | F22 | | WO 01/93743 | A2 | Healthtech, Inc. | 12-13-2001 |
| | F23 | | WO 2002/079514 | A1 | The Trustees of Boston College | 10-10-2002 |
| | F24 | | WO 03/016901 | A1 | Samsung Electronics Co., Ltd. | 02-27-2003 |
| | F25 | | WO 03/045473 | A1 | Mufa Ag | 06-05-2003 |
| | F26 | | WO 2004/065404 | A1 | University of Florida Research Foundation, Inc. | 08-05-2004 |
| | F27 | | | | | |
| | F28 | | | | | |
| | F29 | | | | | |
| | F30 | | | | | |
| | F31 | | | | | |
| | F32 | | | | | |
| | F33 | | | | | |
| | F34 | | | | | |
| | F35 | | | | | |
| | F36 | | | | | |

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard T.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|--|---|----|----|--------------------------|-------------------|
| Substitute for form 1449A/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Application Number | 11/039,111 |
| Sheet | 9 | of | 12 | Filing Date | January 19, 2005 |
| | | | | First Named Inventor | Richard J. Melker |
| | | | | Group Art Unit | 1743 |
| | | | | Examiner Name | Not yet assigned |
| | | | | Attorney Docket Number | UF-404XC1 |

| OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS | | | | |
|--|-----------------------|--|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | |
| | R1 | BALLANTINE, D. S. et al., "Surface Acoustic Wave Devices for Chemical Analysis," <i>Anal. Chem.</i> (1989), Volume 61, number 11, pages 704A-712A. | | T ² |
| | R2 | BRODY, E. N. et al., "Aptamers as Therapeutic and Diagnostic Agents," <i>Reviews in Molecular Biotechnology</i> (2000), Volume 74, pages 5-13. | | |
| | R3 | BRODY et al. "The use of Aptamers in Large Arrays for Molecular Diagnostics," <i>Molecular Diagnosis</i> (1999), Volume 4, number 4, pages 381-388. | | |
| | R4 | CHANDIOK, S. et al. "Screening for Bacterial Vaginosis: A Novel Application of Artificial Nose Technology," <i>Journal of Clinical Pathology</i> (1997), Volume 50, pages 790-791. | | |
| | R5 | DICKINSON, T. A. et al., "Current Trends in 'Artificial-Nose' Technology," <i>Tib Tech</i> , 1998, 16:250-258. | | |
| | R6 | FANG, M. et al. "Detection of Organic Chemicals by SAW Sensor Array," <i>Sensors and Actuators</i> (1999), Volume B56, pages 155-157. | | |
| | R7 | FISHER et al. "A man-portable chemical sniffer utilizing Novel Fluorescent polymers for detection of ultra-trace concentrations of explosives emanating from landmines," <i>Nomadics Inc.</i> (2000), PAGES 1-10. | | |
| | R8 | FRAUENDORF et. al., "Detection of Small Organic Analytes by Fluorescing Molecular Switches," <i>Bioorganic & Medicinal Chemistry</i> 9, (2001), pp. 2521-2524. | | |
| | R9 | FUJITA et. al., "A Simple Method for Detecting Plasma Propofol," <i>Anesth. Analog.</i> , 2000, 90:1452-1454. | | |
| | R10 | GANGA-ZANDZOU, P.S. et al. "A 13C-urea breath test in children with Helicobacter pylori infection: validity of the use of a mask to collect exhaled breath sample," <i>Acta Paediatr.</i> (2001), Volume 90, pages 232-233. | | |
| | R11 | GRATE, JW et al. "Determination of Partition Coefficients from Surface Acoustic Wave Vapor Sensor Responses and Correlation with Gas-Liquid Chromatographic Partition Coefficients," <i>Anal. Chem.</i> (1998), Volume 60, pages 869-875. | | |

| | | |
|--------------------|--|-----------------|
| Examiner Signature | | Date Considered |
|--------------------|--|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard T.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|--|----|----|----|--------------------------|-------------------|
| Substitute for form 1449A/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Application Number | 11/039,111 |
| Sheet | 10 | of | 12 | Filing Date | January 19, 2005 |
| | | | | First Named Inventor | Richard J. Melker |
| | | | | Group Art Unit | 1743 |
| | | | | Examiner Name | Not yet assigned |
| | | | | Attorney Docket Number | UF-404XC1 |

| OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS | | | |
|--|-----------------------|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | R12 | GROVES, W. et al. "Analyzing organic vapors in exhaled breath using a surface acoustic wave sensor array with preconcentration: Selection and characterization of the preconcentrator absorbent," <i>Analytica Chimica Acta</i> (1998), Volume 371, pages 131-143. | |
| | R13 | HAMMON III, W. S. et al., "Forensic GPR: Finite-Difference Simulations of Responses From Buried Human Remains," <i>Journal of Applied Geophysics</i> , (2000), 45:171-186. | |
| | R14 | HANSON III, C.W. et al. "The use of a novel 'Electronic Nose' to diagnose the presence of intrapulmonary infection," <i>Anesthesiology</i> (1997), Volume 87, number 3A, abstract A269. | |
| | R15 | HONG, C. et al., "Carbon Nanotube-Enhanced Electrochemical DNA Biosensor for DNA Hybridization Detection" (2003), <i>Anal. Bioanal. Chem.</i> , 375:287-293. | |
| | R16 | HUANG et. al., "Depth of Anesthesia Estimating & Propofol Delivery System," Aug. 1, 1996, http://www.rpi.edu/~royr/roy_descpt.html . | |
| | R17 | JAYASENA, "Aptamers: An Emerging Class of Molecules That Rival Antibodies in Diagnostics," <i>Clinical Chemistry</i> , 1999, 45(9):1628-1650. | |
| | R18 | KENNY, "Target-Controlled Infusions –Pharmacokinetic and Pharmacodynamic Variations," http://www.anaeesthesiologie.med.uni-erlangen.de/esctaic97/a_kenny.htm . | |
| | R19 | KUIPERS et al., "First-pass Lung Uptake and Pulmonary Clearance of Propofol," <i>Anesthesiology</i> , (1999), 91:1780-1787. | |
| | R20 | LIEBICH et al. "Volatile Substances in Blood Serum: a Profile Analysis and Quantitative Determination," <i>Journal of Chromatography</i> (1977), Volume 142, pages 505-516. | |
| | R21 | MILLER III, E. R. et al., "Association Between Cigarette Smoking and Lipid Peroxidation in a Controlled Feeding Study," <i>Circulation</i> , (1997), 96(4):1097-1101. | |
| | R22 | MUELLER et al. "Experience in mass spectrometric identification in acute poisoning," <i>Beitr. Diagn. Ther. Akuter. Intox., Vortr. Symp. 4th</i> (1982), pages 126-134, ABSTRACT ONLY. | |

| | | |
|--------------------|--|-----------------|
| Examiner Signature | | Date Considered |
|--------------------|--|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard T.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|--|----|----|----|--------------------------|-------------------|
| Substitute for form 1449A/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Application Number | 11/039,111 |
| Sheet | 11 | of | 12 | Filing Date | January 19, 2005 |
| | | | | First Named Inventor | Richard J. Melker |
| | | | | Group Art Unit | 1743 |
| | | | | Examiner Name | Not yet assigned |
| | | | | Attorney Docket Number | UF-404XC1 |

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|--------------------|-----------------------|--|----------------|
| | R23 | PANTAROTTO D. et al., "Synthesis, Structural Characterization, and Immunological Properties of Carbon Nanotubes Functionalized with Peptides" (2003), <i>J. Am. Chem. Soc.</i> , 125:6160-6164. | |
| | R24 | PARRY, A.D. et al. "Leg Ulcer Odour Detection Identifies β -haemolytic Streptococcal Infection," <i>Journal of Wound Care</i> (1995), Volume 4, number 9, pages 404-406. | |
| | R25 | PAVLOU and TURNER. "Sniffing out the truth: Clinical Diagnosis Using the Electronic Nose," <i>Clin. Chem. Lab. Med.</i> (2000), Volume 38, number 2, pages 99-112. | |
| | R26 | PERRI, F. "Diagnosis of <i>Helicobacter pylori</i> infection: which is best? The urea breath test," <i>Dig. Liver. Dis.</i> (2000), Volume 32, Supp. 3, pages S196-198. | |
| | R27 | PHILLIPS, M., "Breath Tests in Medicine," <i>Scientific American</i> , 1992, pages 52-57. | |
| | R28 | Pilar Kraman, "Prescription Drug Diversion," <i>Trends Alert</i> provided by the Council of State Government at www.csg.org (April 2004). | |
| | R29 | ROGERS et al. "Fiber-optic biosensors based on total internal-reflection fluorescence," <i>American Chemical Society</i> (1992), Ch. 13, pages 165-173. | |
| | R30 | STOJANOVIC, M. N. et al., "Aptamer-Based Folding Fluorescent Sensor for Cocaine," <i>J. Am. Chem. Soc.</i> , 123:4928-4931, (2001). | |
| | R31 | STUART, B. H. et al., "Studies of Adipocere Using Diffuse Reflectance Infrared Spectroscopy," <i>Vibrational Spectroscopy</i> , 24:233-242, (2000). | |
| | R32 | STUBBS, D. D. et al., "Investigation of Cocaine Plumes Using Surface Acoustic Wave Immunoassay Sensors," <i>Anal. Chem.</i> , 75:6231-6235, (2003). | |
| | R33 | TRACQUI, A. et al. "Systematic Toxicological Analysis Using HPLC/DAD," <i>Journal of Forensic Sciences</i> (1995), Volume 40, Number 2, pages 254-262. | |

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard T.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|--|----|----|----|--------------------------|-------------------|
| Substitute for form 1449A/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Application Number | 11/039,111 |
| Sheet | 12 | of | 12 | Filing Date | January 19, 2005 |
| | | | | First Named Inventor | Richard J. Melker |
| | | | | Group Art Unit | 1743 |
| | | | | Examiner Name | Not yet assigned |
| | | | | Attorney Docket Number | UF-404XC1 |

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|--------------------|-----------------------|--|----------------|
| | R34 | U.S. FOOD AND DRUG ADMINISTRATION, "FDA White Paper, Protecting the Public Health: FDA Pursues and Aggressive Enforcement Strategy," www.fda.gov/oc/whitepapers/enforce.html (06-30-2003). | |
| | R35 | U.S. FOOD AND DRUG ADMINISTRATION, "New FDA Initiative to Combat Counterfeit Drugs," www.fda.gov/oc/initiatives/counterfeit/backgrounder.html (07-02-2004). | |
| | R36 | UNITED STATES DEPARTMENT OF JUSTICE, "Review of the Drug Enforcement Administration's (DEA) Control of the Diversion of Controlled Pharmaceuticals," Report Number I-2002-010 www.usdoj.gov/oig/inspection/DEA/0210/background.htm (September 2002). | |
| | R37 | WOHLTJEN, H. et al. "Vapor Detection with Surface Acoustic Wave Microsensors," <i>Chemical Sensors and Microinstrumentation</i> (1989), pages 157-175. | |
| | R38 | VASS, A., "Beyond the Grave – Understanding Human Decomposition," <i>Microbiology Today</i> , Nov. 2001, 28:190-192. | |
| | R39 | VASS, A. et al., "Decomposition Chemistry of Human Remains: A New Methodology for Determining the Postmortem Interval," <i>J. Forensic Sci.</i> , (2002), 47(3):542-553. | |
| | R40 | VASS, A. et al., "Detection of Buried Human Remains Using Bioreporter Fluorescence," U.S. Dept. of Energy Report, Y/NSP-726 (2001). | |
| | R41 | | |
| | R42 | | |
| | R43 | | |
| | R44 | | |

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard T.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.